



Model 500 Garden Branch Shredder Machine

1-2 T/H CAPACITY | INDUSTRIAL ELECTRIC WOOD CRUSHER

APPLICATIONS

- Forestry wood processing
- Biomass energy production
- Animal bedding processing
- Garden mulch production
- Wood pellet raw material processing

KEY FEATURES

- stable and powerful
- high structural rigidity
- long service life
- suitable for continuous production
- wide material adaptability



TECHNICAL SPECIFICATIONS

Parameter	Metric	Imperial
GENERAL		
Capacity	1-2 T/H	1.1-2.2 ST/H
Max Processing Diameter	150 mm	5.91 inches
Overall Dimensions (L×W×H)	1300×800×1100 mm	51.2×31.5×43.3 inches
Operating Weight	450 kg	992 lbs
Output Size	3-20 mm	0.12-0.8 inches
POWER UNIT		
Motor Type	Three-phase asynchronous industrial motor	
Rated Power	18.5 kW	24.8 HP
Rated Voltage	380V, 50Hz, Three-phase	
Start Method	Star-delta start	
Drive System	Belt drive	
CHIPPING SYSTEM		
Cutter Disc Diameter	500 mm	19.7 inches
Main Shaft Speed	2600 RPM	
Blade Configuration	4 pcs high wear-resistant alloy blades	
Cutter Disc Structure	Cast steel, precision dynamic balanced	



TECHNICAL SPECIFICATIONS

Parameter	Metric	Imperial
FEED SYSTEM		
Feed Method	Manual inclined feed	
Feed Opening Size	200 × 180 mm	7.9×7.1 inches
Hopper Design	Heavy-duty inclined feed hopper	
DISCHARGE SYSTEM		
Discharge Method	Side lower natural discharge	
Discharge Height	350 mm	13.8 inches
Collection Method	Direct bagging /open collection	
UNDERCARRIAGE		
Installation Type	Stationary fixed installation	
Frame Material	Thickened welded steel plate	
Fixing Method	Anchor bolt mounting feet	

SAFETY FEATURES

- Emergency stop button
- Full cutting chamber guard
- Belt drive protective cover
- Motor overload & overheat protection
- Reinforced chamber locking structure

END PRODUCT & APPLICATIONS



Product Showcase



Typical Applications